

Mineral Uses CP Earth Science

Name _____ Date _____ Period _____

Mineral Mania

Go to the Mineral Mania website (<http://sciencespot.net/Pages/kdzethsci3.html>) Use the websites on the Mineral Mania page to find the answers to these questions.

Mineral Uses <http://www.mii.org/commonminerals.html>

- A. Based on current consumption, it is estimated that you and every other person in the United States will use more than a _____ pounds of rocks, minerals and metals during your lifetime. How many pounds of the following will you use?

_____ Lead _____ Zinc _____ Copper _____ Aluminum
 _____ Iron _____ Clays _____ Salt _____ Stone, sand

- B. Write the three main uses of each mineral.

1. Aluminum _____
2. Antimony _____
3. Beryllium _____
4. Coal _____
5. Copper _____
6. Fluorite _____
7. Galena (Lead) _____
8. Gold _____
9. Gypsum _____
10. Halite _____
11. Hematite (Iron Ore) _____
12. Limestone _____
13. Lithium _____
14. Mica _____

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15. Phosphate _____
16. Silica _____
17. Silver _____
18. Sulfur _____
19. Zinc _____

Part II. Fireworks. <http://minerals.state.nv.us/forms/educ/FourthOfJuly.pdf>

1. What minerals are used to make the following colors or special effects?

Yellows -

Bright Greens -

Orange -

Silvery White -

Gold Sparks -

Deep Reds -

Bright flashes -

Lavender -

Silvery-white flashes -

Blues -

Part III. Birthstones <http://galleries.com/minerals/interest.htm>

What are the birthstone(s) for each month?

January: _____ or _____

February: _____ or _____

March: _____ or _____

April: _____ or _____

May: _____ or _____

June: _____ or _____ or _____

July: _____ or _____

August: _____ or _____

September: _____ or _____

October: _____ or _____

November: _____ or _____

December: _____ or _____

2. What is a gemstone? Can all minerals be gemstones? Explain.

Part IV. Minerals & Metals at Home <http://mineralogy4kids.org/uses/uses.html>
Name the minerals in items found in your home.

Bathroom

1. Toilet _____
2. Tub _____
3. Shampoo _____
4. Make Up _____
5. Toothpaste _____

Kitchen

1. Drinking Glasses _____
2. Toaster _____
3. Stove/Oven _____
4. Matches _____
5. Salt and Pepper _____

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Bedroom

1. Mirror _____
2. Pencil _____
3. Batteries _____
4. Clock Radio _____
5. Golf Clubs _____

Living Room

1. Computer _____
2. Clock _____
3. Carpet _____
4. Fireplace _____
5. Pottery _____